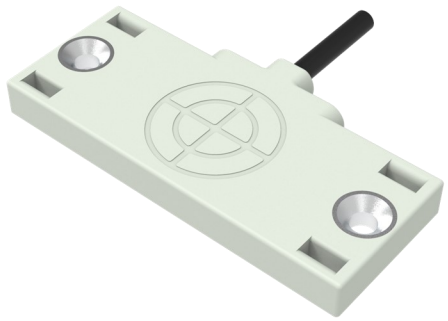
Plastic Square Capacitive Sensor **CE05-S** series



Feature description:

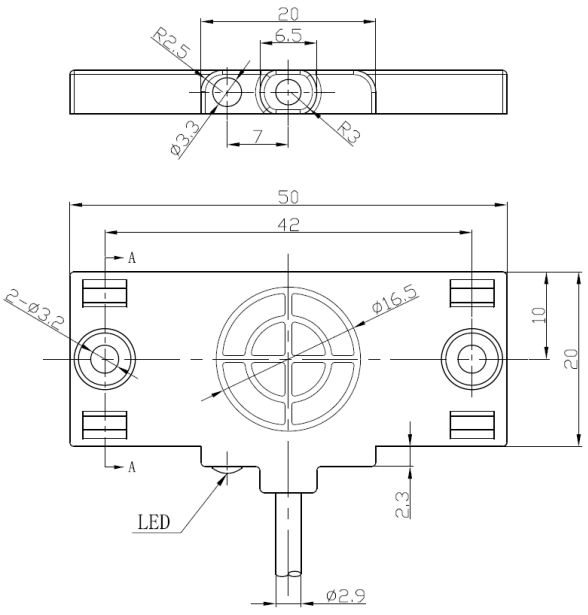
- 5mm ultra-thin shape
- Screw mounting and strap mounting are optional
- Adjustable detection distance
- Simultaneous detection of metallic and non-metallic objects

CE

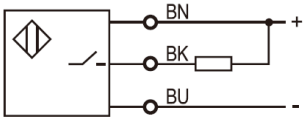
Model specification			
NPN NO	CE05SN06DNOS	PNP NO	CE05SN06DPOS
NPN NC	CE05SN06DNCS	PNP NC	CE05SN06DPCS

Specifications			
Installation	Non-flush	Protection circuit	Reverse polarity protection, Short circuit
Rated distance Sn	6mm(Adjustable)		protection, overload protection
Assured distance	2...6mm	Output indicator	Yellow LED
Shape size	20*50*5mm	Ambient temperature	-25℃...70℃
Output	NPN NO	Ambient humidity	35...95%RH
Supply voltage	10...30 VDC	Switch frequency	100Hz
Standard target	Fe 30*30*1t	Impulse resistance	1000V/AC 50/60Hz 60s
Switch point offset	≤±10%	Insulation resistance	≥50MΩ(500VDC)
Hysteresis range	3...15%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz
Repeated error	≤3%		(2h each in X,Y,Z directions)
Load current	≤100mA	Protection degree	IP67
Residual voltage	≤2.5V	Housing material	PBT
Current consumption	≤15mA	Connection	2m PVC cable

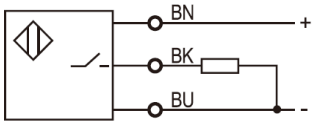
Dimensions



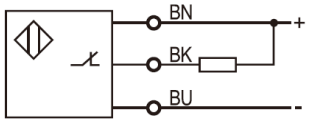
Wiring Diagram



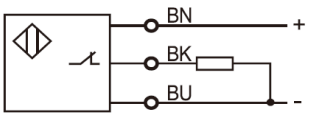
NPN NO



PNP NO



NPN NC



PNP NC

* Lanbao reserves all the rights